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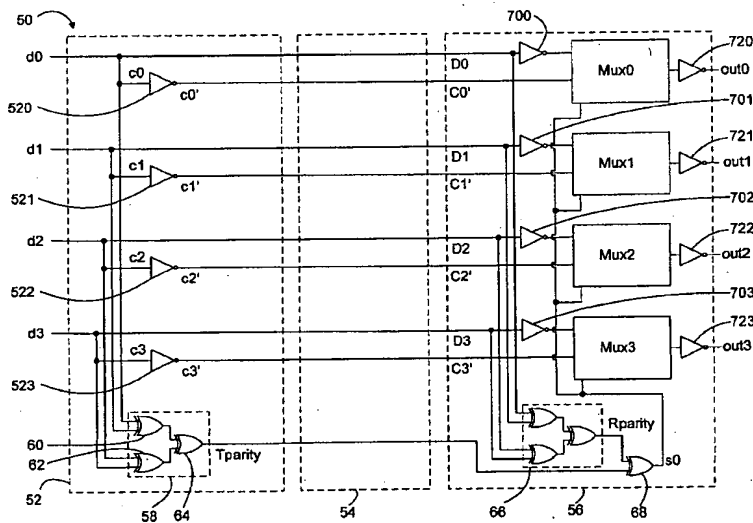
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[Continued on next page]

(54) Title: DATA COMMUNICATION USING FAULT TOLERANT ERROR CORRECTING CODES AND HAVING REDUCED GROUND BOUNCE



(57) Abstract: There is provided a first module for transmitting a plurality of data bits to a second module via a communication bus with reduced ground bounce, the first module comprising means adapted to generate respective copies of the data bits; means adapted to invert the respective copies of the data bits; and means adapted to transmit, via the communication bus, the plurality of data bits and their respective inverted copies to the second module. A parity signal and an inverted copy thereof may also be transmitted between the first module and the second module.



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